

# Abstract

A method for transmitting data blocks from a data source (1) to a data sink (8) on a bus (5), which supports the transmission of frames having a variable and limited number  $n$  of data elements, has the following steps:

- a) transmitting (S2), from the data sink (8) to the data source (1), control information which specifies at least the number  $N$  of data elements contained in a block to be transmitted;
- b) if  $N > n$ , transmitting (D4)  $\text{int}(N/n)$  frames each containing  $n$  data elements of a block to be transmitted and transmitting a frame having  $(N \bmod n)$  data elements of the block to be transmitted from the data source (1) to the data sink (8),  $\text{int}(N/n)$  being the largest integer which is less than or equal to  $N/n$ ;
- c) recognizing the transmission of a block as complete (S9) by the data sink (8) if the number of data elements received in step b) agrees with the number  $N$  specified in the control information.